

1. A prosthetic device for repairing, reconstructing and/or augmenting a defect or a weakness in a wall of a muscle, tissue or organ, comprising:

a first portion that is tissue infiltratable;

a second portion that is a barrier to tissue ingrowth; and

5 an effective amount of at least one antimicrobial substance incorporated with said second portion;

wherein the effective amount of said at least one substance is not incorporated with said first portion.

10 2. The prosthetic device of claim 1 wherein the antimicrobial substance is silver or a silver salt.

3. The prosthetic device of claim 1 wherein said at least one antimicrobial substance provides a first level of impairment of tissue ingrowth, and further comprising a second
15 antimicrobial substance that provides a second level of impairment of tissue ingrowth which is no more than said first level, said second antimicrobial substance being incorporated with said first portion.

4. The prosthetic device of claim 1 wherein the second antimicrobial substance does not
20 substantially impair tissue ingrowth.

5. The prosthetic device of claim 1 wherein said first portion has a sheet-like configuration.

6. The prosthetic device of claim 1 wherein said second portion has a sheet-like
25 configuration.

7. The prosthetic device of claim 1 wherein said first portion has a sheet-like configuration and said second portion has a sheet-like configuration.

30 8. The prosthetic device of claim 1 or claim 7 wherein said first portion and said second portion are permanently attached together.

9. The prosthetic device of claim 1 wherein said first portion is a knitted sheet.

10. The prosthetic device of claim 1 wherein said second portion is a sheet of ePTFE.

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11. The prosthetic device of claim 6 or claim 7 wherein said sheet-like second portion has a top surface and a bottom surface, and said at least one antimicrobial substance is substantially incorporated with at least one of said top and bottom surfaces.

10 12. The prosthetic device of claim 11 wherein said at least one antimicrobial substance is incorporated with both of said top and bottom surfaces.

13. The prosthetic device of claim 1 wherein said first portion and said second portion are formed of the same material.

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14. The prosthetic device of claim 13 wherein said same material is ePTFE.

15. A prosthetic device for repairing, reconstructing and/or augmenting a defect or a weakness in a wall of a muscle, tissue or organ, comprising:

20 a flexible, biocompatible and implantable porous fabric sheet having a first surface;
a flexible, biocompatible and implantable substantially non-porous barrier sheet having a second surface;

said porous fabric sheet and said barrier sheet being permanently attached together with said first surface facing said second surface;

25 an effective amount of at least one antimicrobial substance being incorporated with said substantially non-porous barrier sheet, said porous fabric sheet not incorporating an effective amount of said at least one antimicrobial substance.

16. The prosthetic device of claim 15 wherein the antimicrobial substance is silver or a silver salt.

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17. The prosthetic device of claim 15 wherein said at least one antimicrobial substance provides a first level of impairment of tissue ingrowth, and further comprising a second antimicrobial substance that provides a second level of impairment of tissue ingrowth which is no more than said first level, said second antimicrobial substance being incorporated with said porous fabric sheet.

18. The prosthetic device of claim 17 wherein the second antimicrobial substance does not substantially impair tissue ingrowth.

19. The prosthetic device of claim 15 wherein said porous fabric sheet is a knitted sheet.

20. The prosthetic device of claim 15 wherein said substantially non-porous barrier sheet is a sheet of ePTFE.

21. The prosthetic device of claim 15 wherein said substantially non-porous barrier sheet has a top surface and a bottom surface, and said at least one antimicrobial substance is substantially incorporated with at least one of said top and bottom surfaces.

22. The prosthetic device of claim 21 wherein said at least one antimicrobial substance is incorporated with both of said top and bottom surfaces.

23. The prosthetic device of claim 15 wherein said porous fabric sheet and said substantially non-porous barrier sheet are formed of the same material.

24. The prosthetic device of claim 23 wherein said same material is ePTFE.

25. A prosthetic device for repairing, reconstructing and/or augmenting a defect or a weakness in a wall of a muscle, tissue or organ, comprising:
a first portion that is tissue infiltratable;
a second portion that is a barrier to tissue ingrowth;

an effective amount of at least one antimicrobial substance incorporated in said prosthetic device that does not detrimentally impair tissue ingrowth into and/or around said first portion.

26. The prosthetic device of claim 25 wherein the antimicrobial substance is silver or a silver salt.

27. The prosthetic device of claim 25 wherein said first portion has a sheet-like configuration.

28. The prosthetic device of claim 25 wherein said second portion has a sheet-like configuration.

29. The prosthetic device of claim 25 wherein said first portion has a sheet-like configuration and said second portion has a sheet-like configuration.

30. The prosthetic device of claim 25 or claim 29 wherein said first portion and said second portion are permanently attached together.

31. The prosthetic device of claim 25 wherein said first portion is a knitted sheet.

32. The prosthetic device of claim 25 wherein said second portion is a sheet of ePTFE.

33. The prosthetic device of claim 28 or claim 29 wherein said sheet-like second portion has a top surface and a bottom surface, and said at least one antimicrobial substance is substantially incorporated with at least one of said top and bottom surfaces.

34. The prosthetic device of claim 33 wherein said at least one antimicrobial substance is incorporated with both of said top and bottom surfaces.

35. The prosthetic device of claim 25 wherein said first portion and said second portion are formed of the same material.

36. The prosthetic device of claim 35 wherein said same material is ePTFE.

37. A method for repairing, reconstructing and/or augmenting a defect or a weakness in a
5 wall of a muscle, tissue or organ comprising
implanting into a subject in need of such treatment a prosthetic device of any of claims 1-
36 to repair, reconstruct and/or augment the defect or weakness in the wall of the muscle, tissue
or organ.